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DPD-2605-59.
Copy 1 of 6

20 April 1959

Rub/980

MEMORANDUM FOR: Acting Chief, DPD

SUBJECT : Malfunction Report, Period Ending 31 March 1959

1. The following malfunction information is presented for the period ending 31 March 1959:

I. Air Frame and Engines

- A. Article 355 - Experienced fuel venting for thirty-five minutes 3 March. This is a recurring problem and LAC advises that the vent mod now in progress will eliminate.
- B. Article 367 - Encountered a defective altimeter or leak in pilot-static system 3 March. Corrected locally.

II. Communications

- A. Detachment B - No equipment failures for March
- B. Detachment C - A/C 378: System III & VI check out flight showed 400 cycle interference on tape. A low pass filter in the B plus return lead eliminated the trouble on Bench test. To be further tested on next flight.
 - 11 March, Mission CT-59-26: Interference no longer present. Power supply fuse blew after 1.5 hours of flight due to loose circuit board power supply for [REDACTED] interference consisting of a periodic 65 millisecond bursts noted in flight which were not present in pre-flight.
 - 31 March, Mission CT-59-32: Again blew fuse in power supply [REDACTED] info amplifiers. No short found. Being investigated.
- C. Detachment D - One recorder motor and take up gear box assembly failed on a System I recorder.

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25X1D

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PAGE TWO**III. Photographic Equipment**

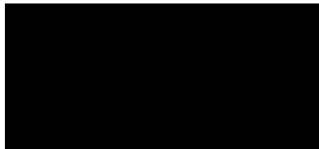
- A. During the period of 3 March 1959 through 31 March 1959, there were a total of thirty-four (34) missions reported flown using photographic equipment. Equipments malfunctioned on six (6) of these missions giving an overall effectiveness of 82.4%.

Equipment reliability for the above referenced period was:

	<u>A-1</u>	<u>A-2</u>	<u>B. Conf.</u>	<u>Trackers</u>
Mission flown	1	4	7	34
Malfunctions	0	1	0	5
Per Cent Eff.	<u>100%</u>	<u>75%</u>	<u>100%</u>	<u>85.3%</u>

- B. It should be noted that although tracker effectiveness was only 85.3%, the total number of missions flown with trackers were about five (5) times greater than the total flown with the "B" Conf.

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 Chief, Materiel Section
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